

Table III
Identification of Emerging Technologies
Source Category: Solvent Cleaning and Degreasing

Pollutant: VOCs

Description of Emerging Technology	Status	Source	Comments
<p>Airless cleaning systems is a degreasing machine that is automatically operated and seals at a pressure of 25 torr or less, prior to the introduction of solvent vapor into the cleaning chamber and maintains a vacuum during all cleaning and drying cycles. These systems are rated at a 95 % reduction in VOC emissions.</p> <p>Air-tight cleaning system is a degreasing machine that is automatically operated and seals at a differential pressure no greater than 0.5 psig during all cleaning and drying cycles</p>	SCAQMD BACT for vapor solvent cleaning	SCAQMD Rule 1122 and BACT determination meetings. EPA letter, dated 12/24/97, to SCAQMD agreeing with the 95% reduction in VOC emissions. The Serec Corp. presented data to the ARB indicating reduction efficiencies of 95% and greater.	
Clean Air Solvent is a VOC-containing material used to perform solvent cleaning, solvent finishing, or surface preparation operations or activities which: a) contains no more than 50 g/l of VOC, as applied; b) has a VOC composite partial vapor pressure less than 5 mm Hg; c) reacts to form ozone at a rate not exceeding that of toluene; d) contains no compounds classified as hazardous air pollutants (HAPs) by the federal Clean Air Act, or ozone depleting compounds or global warming compounds.	Will take effect 1/1/99. BAAQMD has drafted a similar standard.	SCAQMD Rule 102. BAAQMD draft amended Rule 8-16.	

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